

RANKIN, JCE

MODELS: Rankin, Porterfield 35 and 35-70, 2 PCLM

T.C. NUMBER: ATC 567

Engine	LeBlond 60 5D (Model 35)
	LeBlond 70 5DE or 5E (Model 36-70)
Engine limits	For all operations:
	(Model 35) 1950 rpm (65 hp)
	(Model 35-70) 1950 rpm (70 hp)
Propeller limits	Maximum permissible diameter 80 inches
Airspeed limits	Glide or dive - 160 mph True Ind.
Fuel capacity	17 gallons (one tank in fuselage) (See NOTE 3) (-10)
Oil capacity	2-1/2 gallons (-23)
No. passengers	1 (+11) or (+41)
Baggage	30 lbs. (+73)
Standard weight	1310 lbs. (See NOTE 1)
C.G. limits	(+6.0) and (+15.7)
Specification basis	Approved Type Certificate No. 567
Serial Numbers	132, 135 thru 138 and 140 and up manufactured prior to 1/25/41 eligible. Approval expired as of that date. (See NOTE 1.)

EQUIPMENT: (Datum is wing leading edge)

Class I.

- | | | |
|------|---|---------|
| 101. | 18x8-3 wheels with brakes and 4-ply tires | 41 lbs. |
| 102. | Tail wheel (4 inch diameter with solid rubber tire or 3-1/2 inch solid rubber castoring) or tail skid | 3 lbs. |
| 103. | Propeller - wood | 12 lbs. |

Class II:

200. Miscellaneous items as noted in approved weight and balance report.

Class III:

- | | | |
|------|---|---------------------|
| 301. | Elgin instrument board | 8 lbs. |
| 302. | Frame for radio | 1 lb. |
| 303. | Radio bonding | 2 lbs. |
| 304. | 6x2.00 tail wheel assembly | 4 lbs. (+89) |
| 305. | Landing gear fairing | 2 lbs. |
| 306. | Miscellaneous instruments | |
| 307. | 7.00-4 wheels (Serial Nos. below 140) - no brakes | |
| 308. | 18x8-3 wheels with or without brakes | |
| 309. | 18 gallon fuel tank | |
| 310. | Emergency door | No change in weight |
| 311. | Wheel pants | 14 lbs. (-3) |
| 312. | Engine ring cowl | 8 lbs. |
| 313. | 6.00-6 wheels (Shinn 6C4HB) with brakes and 4-ply tires | 30 lbs. |

NOTE 1.

- (a) Serial Number 101 eligible with standard weight of 1235 lbs.
(b) Serial Numbers 102 thru 131, 133, 134 and 139 eligible with standard weight of 1235 lbs. (maximum 1270 lbs. provided manufacturer's affidavit of conformity with serial number 128 is received.)

NOTE 2. Firewall must be at least .028 inc. terne plate. (Serial number 102 eligible with aluminum firewall.)

NOTE 3. Serial Number 101 eligible with fuel capacity of 13-1/2 gallons.

NOTE 4. Landing gear:

- (a) 7.00-4 wheels on gear with 65 inch tread and 6 shock rings of 5/8 inch diameter.
(b) 18x8-3 or 6.00-6 wheels on gear with 69-5/16 inch tread and 4 shock rings of 5/8 inch diameter and 4 rings 9/16 inch diameter. This type gear has center line of wheel 5 inches forward of front attachment strut fitting whereas old type gear had center line of wheel in line with front attachment strut fitting.

NOTE 5. All airplanes of these models except serial number 102 eligible for export as follows, subject to inspection for equipment specified in Chapter XII of Inspection Handbook (5/3/38):

- (a) Canada - Landplane
 - Skiplane - not eligible.
- (b) All other countries.